

DATE: May 11, 1989
TO: See Below
FROM: Brian Martin
SUBJECT: LPC #1630450038 -- St. Clair County
E. St. Louis/Wastex
Superfund/Enforcement



Section 4(Q) Notice

Attached is the Section 4(Q) Notice for the Wastex property in East St. Louis, Illinois. This document is ready for the Director's signature.

If you agree with the recommendation that Director Killian sign this document, please so indicate below and forward to the next person on the list. If you believe a briefing with the Director is necessary, please let me know and I will arrange it.

	<u>CONCUR</u>	<u>DATE</u>	<u>REQUEST BRIEFING</u>
Brian Martin, Project Manager	<u>[Signature]</u>	<u>5/15/89</u>	_____
Jim Janssen	<u>[Signature]</u>	<u>5/15/89</u>	_____
Jim Frank	<u>[Signature]</u>	<u>5/17/89</u>	_____
Bruce Carleson	<u>[Signature]</u>	<u>5/15/89</u>	_____
Gary King	_____	_____	_____
Bharat Mather	<u>[Signature]</u>	<u>5/17/89</u>	_____
Bill Child	<u>[Signature]</u>	<u>5-19-89</u>	_____
Roger Kanerva	<u>[Signature]</u>	<u>5/22/89</u>	_____
Bernard Killian	<u>[Signature]</u>	<u>5/22/89</u>	_____

Attachment

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

IN THE MATTER OF:

WASTEX RESEARCH SITE, EAST ST. LOUIS, ILLINOIS)
EPA FILE NO. 8663-HAZ)
)
ALLWASTE TANK CLEANING SERVICES, INC., a Georgia corpo-)
ration, BARRY-WEHMILLER COMPANY, a Missouri corporation,)
BELLEVILLE SHOE MANUFACTURING COMPANY, a Delaware corpo-)
ration, BROWN GROUP, INC., a New York corporation, BULL)
MOOSE TUBE COMPANY, a Missouri corporation, CARGILL,)
INC., a Delaware corporation, CHANNAHON SEPTIC SERVICE,)
a business entity, CHARLES JOHNSON COMPANY, a business)
entity, CHEMICAL WASTE MANAGEMENT, INC., a Delaware)
corporation, CHEMSICO, INC., a Delaware corporation,)
CHRYSLER CORPORATION, a Delaware corporation, COALIQUID,)
INC., a Kentucky corporation, COLGATE-PALMOLIVE COMPANY,)
an Indiana corporation, CONTINENTAL CAN COMPANY, INC., a)
Delaware corporation, DCE, INC., a Kentucky corporation,)
DEHART PAINT & VARNISH COMPANY, a Kentucky corporation,)
DENNIS CHEMICAL COMPANY, INC., a Missouri corporation,)
DON WHITE OIL SERVICE, INC., an Iowa corporation, E G)
COMPOSITES, INC., an Indiana corporation, ENRAC CHEMI-)
CAL, a business entity, ENVIRONMENTAL INTERNATIONAL, a)
Kansas corporation, FORD MOTOR COMPANY, a Delaware cor-)
poration, FRUEHAUF CORPORATION, a Michigan corporation,)
HERR OIL PRODUCTS, INC., an Iowa corporation, HUSKY)
CORPORATION, a Missouri corporation, HUSSMANN REFRIGER-)
ATION, INC., a Missouri corporation, INDEPENDENT TANK)
CLEANING SERVICES, INC., a Georgia corporation, INDIANA)
DEPARTMENT OF HIGHWAYS, an agency of the State of)
Indiana, INMONT CORPORATION, an Ohio corporation, JEF-)
FERSON CITY TOOL COMPANY, an Ohio corporation, JONES)
CHEMICALS, INC., an Indiana corporation, KENTUCKY COR-)
RECTIONAL INDUSTRIES, an agency of the State of Ken-)
tucky, KISTER LUMBER COMPANY, a business entity, LEGGETT)
& PLATT, INC., a Kentucky corporation, LOUISVILLE GOLF)
CLUB COMPANY, a Kentucky corporation, THE MARLEY COOLING)
TOWER COMPANY, a Kentucky corporation, MCGREW COLOR)
GRAPHIC, a business entity, MCKNIGHT CHEMICAL COMPANY, a)
Missouri corporation, METAL DECORATING COMPANY, a busi-)
ness entity, MID SOUTH PAINTING, a business entity,)
MIDLAND COLOR COMPANY, a Delaware corporation, MISSOURI)
DEPARTMENT OF CORRECTIONS, an agency of the State of)
Missouri, MISSOURI HIGHWAY DEPARTMENT, an agency of the)
State of Missouri, MOBIL OIL CORPORATION, a New York)
corporation, MUECK AUTO BODY COMPANY, a Missouri corpo-)
ration, MULTI-METALS COMPANY, a business entity,)
NATIONAL ENVELOPE CORPORATION - MIDWEST, a Kansas corpo-)
ration, THE ORCHARD CORPORATION OF AMERICA, a Missouri)
corporation, PAN AMERICAN INDUSTRIES, INC., a Missouri)

corporation, PAPER ART COMPANY, INC., a New Jersey corporation, THE PILLSBURY COMPANY, a Delaware corporation, THE PROCTOR & GAMBLE MANUFACTURING COMPANY, an Ohio corporation, PROGRESS PAINT MANUFACTURING COMPANY, a Kentucky corporation, QUAKER WINDOW PRODUCTS COMPANY, a Missouri corporation, RALSTON PURINA COMPANY, a Kentucky corporation, ROCKFORD COATINGS CORPORATION, an Illinois corporation, R. R. DONNELLEY & SONS COMPANY, a Delaware corporation, SCHULTE PAINT & LACQUER MANUFACTURING COMPANY, a Missouri corporation, CITY OF SHIVELY, a Kentucky municipal corporation, SPENCER KELLOGG, INC., a Delaware corporation, SPORLAN VALVE COMPANY, a Missouri corporation, THE SUMMIT FINISHING COMPANY, INC., a Delaware corporation, SUPERIOR EQUIPMENT COMPANY, INC., a Missouri corporation, TANK TRAILER CLEANING, INC., an Illinois corporation, TANK WASH, INC., an Illinois corporation, TEEPAC, INC., a Delaware corporation, U. S. POSTAL SERVICE, a business entity, and WASTEX RESEARCH, INC., an Illinois corporation.

NOTICE PURSUANT TO SECTION 4(q)
OF THE ENVIRONMENTAL PROTECTION ACT

I. GENERAL

This Notice is issued pursuant to the authority vested in the Illinois Environmental Protection Agency (hereinafter "Agency") by Section 4(q) of the Environmental Protection Act (hereinafter "Act"), Ill. Rev. Stat. 1987, ch. 111 1/2, par. 1004(q).

Allwaste Tank Cleaning Services, Inc., Barry-Wehmiller Company, Belleville Shoe Manufacturing Company, Brown Group, Inc., Bull Moose Tube Company, Cargill, Inc., Channahon Septic Service, Charles Johnson Company, Chemical Waste Management, Inc., Chemsico, Inc., Chrysler Corporation, Coaliquid, Inc., Colgate-Palmolive Company, Continental Can Company, Inc., DCE, Inc., DeHart Paint & Varnish Company, Dennis Chemical Company, Inc., Don White Oil Service,

Inc., E G Composites, Inc., Enrac Chemical, Environmental International, Ford Motor Company, Fruehauf Corporation, Herr Oil Products, Inc., Husky Corporation, Hussmann Refrigeration, Inc., Independent Tank Cleaning Services, Inc., Indiana Department of Highways, Inmont Corporation, Jefferson City Tool Company, Jones Chemicals, Inc., Kentucky Correctional Industries, Kister Lumber Company, Leggett & Platt, Inc., Louisville Golf Club Company, The Marley Cooling Tower Company, McGrew Color Graphic, McKnight Chemical Company, Metal Decorating Company, Mid South Painting, Midland Color Company, Missouri Department of Corrections, Missouri Highway Department, Mobil Oil Corporation, Mueck Auto Body Company, Multi-Metals Company, National Envelope Corporation - Midwest, The Orchard Corporation of America, Pan American Industries, Inc., Paper Art Company, Inc., The Pillsbury Company, The Proctor & Gamble Manufacturing Company, Progress Paint Manufacturing Company, Quaker Window Products Company, Ralston Purina Company, Rockford Coatings Corporation, R. R. Donnelley & Sons Company, Schulte Paint and Lacquer Manufacturing Company, City of Shively, Spencer Kellogg, Inc., Sporlan Valve Company, The Summit Finishing Company, Inc., Superior Equipment Company, Inc., Tank Trailer Cleaning, Inc., Tank Wash, Inc., Teepak, Inc., U. S. Postal Service, and Wastex Research, Inc. (hereinafter "Parties") shall undertake all actions required by terms and conditions of this Notice. Failure by the Parties to undertake such actions may result in sanctions against them, including but not limited to the sanctions described below in Section XVII.

II. STATEMENT OF PURPOSE

The objectives of the Agency are: (1) to determine fully the nature and extent of the threat to the public health or welfare or the environment caused by the release or threatened release of hazardous substances, pollutants, or contaminants from the Site (the term "Site" is defined for purposes of this Notice as the facility described in Section III), and (2) to evaluate and under-take appropriate response action to prevent or mitigate the migration or release or threatened release of hazardous substances, pollutants, or contaminants from the Site. The activities conducted pursuant to this Notice are subject to approval by the Agency and shall be consistent with the Illinois Hazardous Substances Pollution Contingency Plan, 35 Ill. Adm. Code, Part 750, as amended.

III. FINDINGS OF FACT

The following constitutes an outline of the facts upon which this Notice is based.

A. Allwaste Tank Cleaning Services, Inc. is a Georgia corporation qualified to do business in Illinois.

B. Barry-Wehmiller Company is a Missouri corporation and is not qualified to do business in Illinois.

C. Belleville Shoe Manufacturing Company is a Delaware corporation qualified to do business in Illinois.

D. Brown Group, Inc. is a New York corporation qualified to do business in Illinois.

E. Bull Moose Tube Company is a Missouri corporation qualified to do business in Illinois.

F. Cargill, Inc. is a Delaware corporation qualified to do business in Illinois.

G. Channahon Septic Service is a business entity.

H. Charles Johnson Company is a business entity.

I. Chemical Waste Management, Inc. is a Delaware corporation qualified to do business in Illinois.

J. Chemsico, Inc. is a Delaware corporation and is not qualified to do business in Illinois.

K. Chrysler Corporation is a Delaware corporation qualified to do business in Illinois.

L. Coaliquid, Inc. is a Kentucky corporation and is not qualified to do business in Illinois.

M. Colgate-Palmolive Company is an Indiana corporation qualified to do business in Illinois.

N. Continental Can Company, Inc. is a Delaware corporation qualified to do business in Illinois.

O. DCE, Inc. is a Kentucky corporation and is not qualified to do business in Illinois.

P. DeHart Paint & Varnish Company is a Kentucky corporation and is not qualified to do business in Illinois.

Q. Dennis Chemical Company, Inc. is a Missouri corporation and is not qualified to do business in Illinois.

R. Don White Oil Service, Inc. is an Iowa corporation qualified to do business in Illinois.

S. E G Composites, Inc. is an Indiana corporation and is not qualified to do business in Illinois.

T. Enrac Chemical is a business entity.

U. Environmental International is a Kansas corporation and is not qualified to do business in Illinois.

V. Ford Motor Company is a Delaware corporation qualified to do business in Illinois.

W. Fruehauf Corporation is a Michigan corporation qualified to do business in Illinois.

X. Herr Oil Products, Inc. is an Iowa corporation qualified to do business in Illinois.

Y. Husky Corporation is a Missouri corporation and is not qualified to do business in Illinois.

Z. Hussmann Refrigeration, Inc. is a Missouri corporation and is not qualified to do business in Illinois.

AA. Independent Tank Cleaning Services, Inc. is a Georgia corporation qualified to do business in Illinois.

BB. Indiana Department of Highways is an agency of the State of Indiana.

CC. Inmont Corporation is an Ohio corporation qualified to do business in Illinois.

DD. Jefferson City Tool Company is an Ohio corporation and is not qualified to do business in Illinois.

EE. Jones Chemicals, Inc. is an Indiana corporation qualified to do business in Illinois.

FF. Kentucky Correctional Industries is an agency of the State of Kentucky.

GG. Kister Lumber Company is a business entity.

HH. Leggett & Platt, Inc. is a Kentucky corporation and is not qualified to do business in Illinois.

II. Louisville Golf Club Company is a Kentucky corporation and is not qualified to do business in Illinois.

JJ. The Marley Cooling Tower Company is a Kentucky corporation qualified to do business in Illinois.

KK. McGrew Color Graphic is a business entity.

LL. McKnight Chemical Company is a Missouri corporation and is not qualified to do business in Illinois.

MM. Metal Decorating Company is a business entity.

NN. Mid South Painting is a business entity.

OO. Midland Color Company is a Delaware corporation qualified to do business in Illinois.

PP. Missouri Department of Corrections is an agency of the State of Missouri.

QQ. Missouri Highway Department is and agency of the State of Missouri.

RR. Mobil Oil Corporation is a New York corporation qualified to do business in Illinois.

SS. Mueck Auto Body Company is a Missouri corporation and is not qualified to do business in Illinois.

TT. Multi-Metals Company is a business entity.

UU. National Envelope Corporation - Midwest is a Kansas corporation qualified to do business in Illinois.

VV. The Orchard Corporation of America is a Missouri corporation and is not qualified to do business in Illinois.

WW. Pan American Industries, Inc. is a Missouri corporation and is not qualified to do business in Illinois.

XX. Paper Art Company, Inc. is a New Jersey corporation and is not qualified to do business in Illinois.

YY. The Pillsbury Company is a Delaware corporation qualified to do business in Illinois.

ZZ. The Proctor & Gamble Manufacturing Company is an Ohio corporation qualified to do business in Illinois.

AAA. Progress Paint Manufacturing Company is a Kentucky corporation and is not qualified to do business in Illinois.

BBB. Quaker Window Products Company is a Missouri corporation and is not qualified to do business in Illinois.

CCC. Ralston Purina Company is a Kentucky corporation qualified to do business in Illinois.

DDD. Rockford Coatings Corporation is an Illinois corporation.

EEE. R. R. Donnelley & Sons Company is a Delaware corporation qualified to do business in Illinois.

FFF. Schulte Paint and Lacquer Manufacturing Company is a Missouri corporation and is not qualified to do business in Illinois.

GGG. The City of Shively is a Kentucky municipal corporation.

HHH. Spencer Kellogg, Inc. is a Delaware corporation and is not qualified to do business in Illinois.

III. Sporlan Valve Company is a Missouri corporation qualified to do business in Illinois.

JJJ. The Summit Finishing Company, Inc. is a Delaware corporation and is not qualified to do business in Illinois.

KKK. Superior Equipment Company, Inc. is a Missouri corporation and is not qualified to do business in Illinois.

LLL. Tank Trailer Cleaning, Inc. is an Illinois corporation.

MMM. Tank Wash, Inc. is an Illinois corporation.

NNN. Teepak, Inc. is a Delaware corporation qualified to do business in Illinois.

OOO. U. S. Postal Service is a business entity.

PPP. Wastex Research, Inc. is an Illinois corporation. Its principal place of business is at 2000 Broadway, East St. Louis, Illinois. Mr. James Markle is president of Wastex Research, Inc.

QQQ. Wastex Research, Inc. has operated since 1979 and has been in the business of reusing, inter alia, spent solvents which can be blended and burned as a supplemental fuel in industrial boilers and asphalt plants. The company primarily handled waste paint solvents, but also handled waste printing inks, waste oils, and other hazardous wastes and special wastes as those terms are defined in Sections 3.15 and 3.45 of the Act (Ill. Rev. Stat. 1987, ch. 111 1/2, pars. 1003.15 and 1003.45). Such activity took place at the above mentioned 2000 Broadway location on property encompassing approximately 13.8 acres and situated approximately 1500 feet from a residential area.

RRR. The "Site" which is the subject of this Notice encompasses the property located at 2000 Broadway in East St. Louis, St. Clair County, Illinois (see the shaded portion of the diagram included in this Notice as Attachment 1) and any contiguous areas of contamination described in this Notice or discovered as a result of the Identified Response Action described in Section VI. The Site includes Tax Parcel No. 02-19-0-300-008 consisting of

approximately 9.74 acres which is owned by the County of St. Clair, Trustee, pursuant to a Tax Deed recorded in St. Clair County on January 14, 1987 in book no. 2661, page 2384.

SSS. The materials described above in Section III(QQQ) of this Notice have been placed in various tanks and containers remaining at the Site. Certain buildings and features located on part of the Site are shown on the diagram included in this Notice as Attachment 2. Based upon recent information obtained by the Agency, such materials include the following wastes or contaminants:

1. Approximately 3,500 drums, containing mostly hazardous waste, are stored in buildings 3, 16, 22, 31 and 35. Such drums have been commonly referred to as the "Chase Inventory" and were on-site prior to when James Markle acquired Wastex Research, Inc. Jack Chase was the previous owner/operator of Wastex Research, Inc.
2. An additional group of approximately 3,500 drums, containing mostly hazardous waste, are stored in buildings 1, 3, 22 and 38. Such drums have been commonly referred to as the "Wastex Inventory".
3. Bulk tanks present at the Site contain a variety of blended and unblended liquids and semi-solids, most of which are from hazardous wastes shipped to Wastex Research, Inc. Based upon recent information obtained by the Agency from reports and records of Wastex Research, Inc., the contents and approximate volumes in such bulk tanks were as follows:

<u>Tank Contents</u>	<u>Approximate Volume (Gallons)</u>
Unblended Waste	50,000
Waste Oil Containing Polychlorinated Biphenyls	13,000

Tank ContentsApproximate Volume (Gallons)

Waste Reportedly Blended for
Asphalt Plant Fuel

70,000

Waste Reportedly Blended for
Cement Kiln Fuel

225,000

TTT. During an Agency inspection of hazardous waste storage conducted on February 17, 1989, there were thirty-four drums observed to be leaking or to have leaked and six drums were observed being stored open in buildings 1 and 38. Numerous similar problems with drum storage were noted in other buildings at the Site.

UUU. During an Agency inspection of hazardous waste storage conducted on September 14, 1988, twenty-nine drums were found which did not have lids or had unsecured lids, thirteen drums were observed to be leaking or to have leaked, five drums did not have bungs in place, and four drums had only plastic on top for cover. Those drums were in buildings 1, 3, 16, 22, 31 and 38. Numerous similar problems with drum storage have been noted in prior Agency inspections of hazardous waste storage at the Site, including inspections conducted on July 28, 1986, September 24, 1987, and 1988 and April 7, 1988.

VVV. Waste was observed leaking onto the ground during Agency inspections of September 14, 1988. A tank had been used to store bulk hazardous

WWW. On November 12, 1986, samples were collected by Envirodyne Engineers, Inc. Samples were stored at the Site. Analysis of the samples showed the following levels of contaminants:

59.610
76.652

Sample No.	Bldg. No.	Contaminant	Concentration Milligrams/Liter (Parts Per Million)
X201	38	toluene	44,798
X202	38	ethylbenzene	67,013
X202	38	toluene	10,974
X202	38	xylenes (total)	26,076
X203	38	ethylbenzene	17,127
X203	38	toluene	196,148
X203	38	xylenes (total)	64,120
X204	38	tetrachloroethylene	21,613
X205	38	ethylbenzene	8,892
X205	38	xylenes (total)	4,258
X206	38	toluene	224,877
X207	38	toluene	169,866
X208	38	ethylene	102,328
X208	38	xylenes (total)	354,896
X209	38	tetrachloroethylene	34,110
X210	38	toluene	13,426
X210	38	xylenes (total)	4,534
X211	3	ethylbenzene	18,085
X211	3	xylenes (total)	81,809
X212	3	xylenes (total)	890
X213	3	barium (EP toxicity)	10.200
X213	3	cadmium (EP toxicity)	0.023
X213	3	chromium (EP toxicity)	0.311
X213	3	ethylbenzene	1,048
X213	3	lead (EP toxicity)	12.400
X213	3	toluene	563
X213	3	xylenes (total)	5,145
X215	3	toluene	9,578
X216	3	ethylbenzene	22,170
X216	3	toluene	12,840
X219A	3	ethylbenzene	42,829
X219A	3	toluene	61,337
X219B	3	ethylbenzene	59,610
X219B	3	toluene	76,652

Sample No.	Bldg. No.	Contaminant	Concentration Milligrams/Liter (Parts Per Million)
X220	3	ethylbenzene	3,702
X220	3	toluene	71,079
X221	35	ethylbenzene	3,322
X221	35	lead (EP toxicity)	6.940
X221	35	toluene	1,818
X221	35	xylenes (total)	19,448
X222	3	ethylbenzene	46,108
X222	3	toluene	22,117
X222	3	xylenes (total)	131,899
X223	35	ethylbenzene	3,689
X223	35	xylenes (total)	13,629
X224	35	cadmium (EP toxicity)	9.700
X224	35	chromium (EP toxicity)	1.200
X224	35	lead (EP toxicity)	0.475
X224	35	toluene	1,071
X224	35	xylenes (total)	1,163
X230	35	ethylbenzene	4,232
X230	35	xylenes (total)	13,135
X231	38	ethylbenzene	8,248
X231	38	xylenes (total)	60,023
X232	38	ethylbenzene	15,808
X232	38	toluene	46,881
X232	38	xylenes (total)	7,539

XXX. On December 9, 1986, the Agency collected samples of waste oil found to contain polychlorinated biphenyls (PCBs). The samples were taken from the agitator tank in building 38 and from a truck tank which returned a load of waste rejected by a cement kiln facility to Wastex Research, Inc. Analysis results for those two samples, respectively, were 8,100 micrograms/gram (parts per million) and 150 micrograms/gram of PCBs.

YYY. A drum of waste being stored open on a building loading dock at the Site was sampled by the Agency on October 12, 1983. Analysis results for that sample indicated the following levels of contaminants were present.

<u>Contaminant</u>	<u>Concentration Micrograms/Gram (Parts Per Million)</u>
C3 - substituted benzenes	210
C4 - substituted benzenes	2,800
C5 - substituted benzenes	310
cyclohexane	1,000
methylnapthalene	100
napthalene	700
toluene	3,300
xylene	14,000

ZZZ. Leakage remaining on top of an unmarked drum in building 1 was sampled by the Agency on July 28, 1986. Analysis results for that sample indicated the following levels of contaminants were present.

<u>Contaminant</u>	<u>Concentration Micrograms/Gram (Parts Per Million)</u>
ethylbenzene	60
toluene	25
xylene	230

AAAA. During an Agency inspection conducted on December 21, 1987, there were twenty-one drums of kerosene being stored in the building 3 and 22 area, along with a reported 1591 drums of the Chase Inventory. In buildings 16 and 31, where 1650 drums of the Chase Inventory were reported stored, there were a number of drums observed sitting in a pool of frozen rainwater. The remaining Chase Inventory, consisting of a reported 546 drums, was being stored in building 35.

BBBB. Wastex Research, Inc. provided what was described as a complete inventory of its tanks and drums to the Agency on December 11, 1987. A copy of said inventory is included in this Notice as Attachment 3.

CCCC. Many of the drums included in the Chase Inventory are corroded or in poor condition. Also included are numerous drums without lids which are stacked on top of one another with plywood and plastic between the drum layers. Almost all of the Chase Inventory drums lack markings to indicate their contents. In building 16 where part of the Chase Inventory is stored there are a number of holes in the floor leading to a basement area.

DDDD. On or about September 23, 1981, an explosion and fire occurred at a bulk storage tank, which had a capacity of approximately 500,000 gallons, located on the portion of the Site known as Tax Parcel No. 02-19-127-001. The incident took place when welding was being done on tank equipment. The top of the tank blew off and a fire resulted. The tank reportedly contained about 3,500 gallons of paint sludges and fuel oil on top of a heavy oil sludge.

EEEE. Based upon State records and investigations, the Agency has reason to believe the Parties, listed as follows, did, by contract, agreement, or otherwise, arrange for the transport, storage, disposal or treatment of hazardous substances owned, controlled or possessed by them and that such hazardous substances came to be located at the Site:

Allwaste Tank Cleaning Services, Inc.
Barry-Wehmiller Company
Belleville Shoe Manufacturing Company
Brown Group, Inc.
Bull Moose Tube Company
Cargill, Inc.
Channahon Septic Service
Charles Johnson Company
Chemical Waste Management, Inc.
Chemsico, Inc.
Chrysler Corporation
Coaliquid, Inc.

Colgate-Palmolive Company
Continental Can Company, Inc.
DCE, Inc.
DeHart Paint & Varnish Company
Dennis Chemical Company, Inc.
Don White Oil Service, Inc.
E G Composites, Inc.
Enrac Chemical
Environmental International
Ford Motor Company
Fruehauf Corporation
Herr Oil Products, Inc.
Husky Corporation
Hussmann Refrigeration, Inc.
Independent Tank Cleaning Services, Inc.
Indiana Department of Highways
Inmont Corporation
Jefferson City Tool Company
Jones Chemicals, Inc.
Kentucky Correctional Industries
Kister Lumber Company
Leggett & Platt, Inc.
Louisville Golf Club Company
The Marley Cooling Tower Company
McGrew Color Graphic
McKnight Chemical Company
Metal Decorating Company
Mid South Painting
Midland Color Company
Missouri Department of Correcti
Missouri Highway Department
Mobil Oil Corporation
Mueck Auto Body Company
Multi-Metals Company
National Envelope Corporatic
The Orchard Corporation of
Pan American Industries, I
Paper Art Company, Inc.
The Pillsbury Company
The Proctor & Gamble Man
Progress Paint Manufact
Quaker Window Products
Ralston Purina Company
Rockford Coatings Corr
R. R. Donnelley & Son
Schulte Paint and La
City of Shively
Spencer Kellogg, In
Sporlan Valve Comp
The Summit Finish
Superior Equipmen
Tank Trailer Cle
Tank Wash, Inc.
Teepak, Inc.
U. S. Postal

described

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arm to human life and health and

IV. CONCLUSIONS OF LAW

A. The Site described in Section III is a "facility" as defined in Section 22.2(h)(1) of the Act, Ill. Rev. Stat. 1987, ch. 111 1/2, par. 1022.2(h)(1).

B. Each of the Parties is a "person" as defined in Section 3.26 of the Act, Ill. Rev. Stat. 1987, ch. 111 1/2, par. 1003.26.

C. Wastes and constituents thereof and contaminants found at the Site are "hazardous substances" as defined in Section 3.14 of the Act, Ill. Rev. Stat. 1987, ch. 111 1/2, par. 1003.14.

D. The past, present and/or potential migration of hazardous substances from the Site constitutes an actual and/or threatened "release" as defined in Section 3.33 of the Act, Ill. Rev. Stat. 1987, ch. 111 1/2, par. 1003.33.

E. The Parties are persons who may be liable pursuant to Section 22.2(f) of the Act, Ill. Rev. Stat. 1987, ch. 111 1/2, par. 1022.2(f), for a release or threat of release of a hazardous substance.

V. DETERMINATIONS

Based on the Findings of Fact and Conclusions of Law set out above, the Agency has determined that:

A. The release of hazardous substances from the Site which is described in Section III presents an immediate and significant risk of harm to human life and health and the environment.

B. The actions required by this Notice are necessary to prevent or mitigate immediate and significant risk of harm to human life and health and the environment.

VI. IDENTIFIED RESPONSE ACTION

A. The Parties shall furnish the necessary personnel, materials, services, facilities, and otherwise do all things necessary for or incident to the performance of the work items set forth below.

B. Each Party shall notify the Agency in writing within thirty (30) days of the effective date of this Notice, of the nature and extent of the corrective measures that such Party is willing to undertake to clean up the Site and a schedule for such action. If the Party fails to notify the Agency within thirty (30) days of the effective date of this Notice, the Agency will assume that such Party refuses to undertake a voluntary clean up of the Site, and the Agency will proceed accordingly.

The notification shall indicate the appropriate name, address, and telephone number for further contact with the Party, and shall include a statement of the type and extent of the activity which such Party is willing to undertake and a schedule for such action.

Where the Party is already involved in discussions with federal, state, or local authorities, engaged in a voluntary action or involved in a lawsuit regarding the Site, the notification shall contain a report of the status of those discussions or that action or lawsuit. A copy of the notification shall be provided to any other party involved in those discussions.

The notification shall be sent to:

Bruce L. Carlson, Attorney
Enforcement Programs
Illinois Environmental Protection Agency
2200 Churchill Road
Post Office Box 19276
Springfield, Illinois 62794-9276

C. All work performed pursuant to this Notice shall be under the supervision of a qualified professional engineer or response cleanup contractor approved by the Agency. The professional engineer or contractor shall have expertise in the cleanup of hazardous substances.

D. The Parties shall obtain prior Agency approval of all contractors, subcontractors, consultants, and laboratories used to perform the Identified Response Action. In addition, the Agency shall be consulted routinely throughout the project to provide continued review and comments.

E. The Parties shall provide five (5) copies to the Agency of all reports or other documents which must be submitted to the Agency under this Notice.

F. The Parties shall perform the following work at the Site commencing immediately upon Agency approval of the work plan described in Section VI(G) and concluding no later than October 31, 1989:

1. Develop a complete inventory and log of all drums, bulk tanks, and other waste containers at the Site. This log is to include at a minimum:

- Container number;
- Description of container;
- Condition of container;
- Physical description of waste within container (pumpable or non-pumpable);
- Estimated volume of waste within container;
- Those containers requiring overpacking;
- Any and all markings, labels, etc. on each drum; and
- All information specified.

2. Personnel sampling the containers must be equipped with Level C personal protective gear unless site conditions during sampling require a more protective level. Level C protection shall consist of, at a minimum,

saranex suit, full-face respirator, disposable boots and gloves. All containers shall be sampled and compatibility testing shall be performed on each container and shall include at a minimum:

- Ignitability (flashpoint);
- Determination of oxidizing or reducing agent;
- Reactivity;
- Density;
- Concentration of organic halides;
- pH;
- Cyanides (reported on a positive/negative basis);
- Sulfides (reported on a positive/negative basis);
- PCBs (reported on a positive/negative basis); and
- Dioxins (to be determined on PCB-positive waste).

Compatibility testing shall be conducted at the Site. Based upon the compatibility testing, two composite samples shall be collected from each compatible group. A log shall be maintained that indicates which containers are represented in each pair of composite samples.

3. Any container which is damaged during sampling or any drum which is not DOT transportable shall be overpacked.

4. All containers shall be staged in an area designated by the Agency's On-Scene Coordinator. The staging will be done on an impermeable liner (visqueen or similar material) such that spillage will not infiltrate and contaminate the floor beneath the liner. The containers are to be segregated according to the compatibility groupings.

5. Any leaking bulk tanks shall be emptied into secure containers until disposal of the contents can be arranged. All containers used to contain waste from leaking bulk tanks shall be clearly labeled as to contents and the tank from which the waste came. These containers shall be staged with the other containers on the Site in compatible groups.

6. Twenty-five (25) soil samples shall be collected at a minimum depth of six inches. The sample locations will be at the direction of the Agency's On-Scene Coordinator. The areas that are to be sampled are generally those which are presently or were formerly used to store wastes.
7. Up to three samples from the basement of each building used to store wastes shall be collected at the direction of the Agency's On-Scene Coordinator. Depending upon the specific condition of each basement, waste, wipe and/or water samples will be collected.
8. Up to three wipe samples from the paved area outside building 35, known as the "fixation" area, shall be collected at the direction of the Agency's On-Scene Coordinator.
9. Up to three soil samples from the area where the tank explosion and fire described above in Section III(DDDD) occurred, shall be collected at the direction of the Agency's On-Scene Coordinator.
10. All disposal protective gear used by personnel at the Site shall be contained in drums. These drums shall be appropriately labeled and staged with other containers upon completion of this phase.
11. Decontamination facilities shall be provided for all personnel at the Site.
12. All decontamination liquids used for this phase shall be drummed. These drums shall be appropriately labeled and staged with other containers upon completion of this phase.
13. At the end of this phase of work, a representative sample shall be collected from the drums described in the above paragraph 12.
14. A telephone shall be provided at the Site. The telephone shall be accessible to the Agency's On-Scene Coordinator.

15. Immediate access to Level B equipment shall be available at the Site at all times. Level B protection shall consist of the same equipment as Level C, except an airline supplied air breathing apparatus shall be substituted for the full face respirator.

16. A final sampling report shall be prepared, including a description of sampling and decontamination methods, the container/bulk tank inventory as specified in paragraphs 1 and 2 above, all analytical data, and a cleanup plan. The cleanup plan shall include: a detailed proposal for disposal of all containers, container contents, bulk tank contents, and contaminated material (soil, etc.); a detailed proposal to decontaminate any waste storage pads and waste containing structures that will not be removed from the Site during the cleanup; and, an evaluation based upon the sampling results obtained of whether groundwater monitoring is needed at the Site. If the report indicates that groundwater monitoring is needed, a proposal for a program to conduct such monitoring shall be included in the cleanup plan. If the report indicates that groundwater monitoring is not needed, the detailed basis for such conclusion shall be set forth therein.

17. Upon submission of the final sampling report, the Agency will establish cleanup objectives for soils, storage pad and building surfaces, and, if necessary, for groundwater. Cleanup objectives are the maximum concentrations of specific contaminants allowable to remain after response action takes place in order to satisfy this Notice.

18. Upon Agency approval of the cleanup plan included in the final sampling report, the Parties shall perform the work specified in the cleanup plan.

G. Within sixty (60) days of the effective date of this Notice, the Parties shall submit a detailed work plan which sets forth the manner in which the Parties will perform the work set forth in Section VI(F). The work plan shall include, among other matters, (a) a site specific Health and Safety Plan in accordance with "Department of Labor, Occupational Safety and Health Administration-Hazardous Waste Operations and Emergency Response" as outlined in 29 CFR Part 1910, Vol. 51, No. 244, December 19, 1986, p. 45654, and (b) a Quality Assurance Project Plan (QAPP) in accordance with the requirements of the U.S. EPA's Contract Laboratory Program. These two items shall be included as addenda to the work plan. Provisions for collecting and analyzing post-removal samples must be included in order to insure that all cleanup objectives are met. Unless written approval is given by the Agency, the post-removal sampling shall be under the direction of the Agency's On-Scene Coordinator.

H. At the conclusion of the above Identified Response Action, the Parties shall submit a summary report of the work completed. The report shall include the volumes and disposition of all wastes removed from the Site. The report shall also include the results of the post-removal sampling. These results will be used to verify whether the Agency's cleanup objectives have been met.

I. The Agency will conduct a meeting of all potentially responsible parties at 10:00 a.m. on June 20, 1989, at headquarters office located at 2200 Churchill Road, Springfield, Illinois. The purpose of this meeting will be to discuss the issues addressed in this Notice. Please contact Bruce Carlson of the Agency's legal staff at 2200 Churchill Road, Post Office Box 19276, Springfield, Illinois, 62794-9276 or at telephone number 217/782-5544 if you have any questions.

VII. DESIGNATED PROJECT COORDINATORS

The Agency and the Parties shall each designate a Project Coordinator. Each Project Coordinator shall be responsible for overseeing implementation of this Notice. The Agency Project Coordinator will be the Agency's designated representative. The Parties shall each designate such Coordinator and inform the Agency in writing of their Coordinator's identity, address and telephone number within fourteen (14) days of the effective date of this Notice. The Agency's Project Coordinator is hereby designated as:

Brian Martin
Remedial Project Management Section
Division of Land Pollution Control
Illinois Environmental Protection Agency
2200 Churchill Road
Post Office Box 19276
Springfield, Illinois 62794-9276
Telephone Number: 217/782-6760

To the maximum extent possible, communications between the Parties and the Agency and all documents, including reports, approvals and other correspondence concerning the activities performed pursuant to the terms and conditions of this Notice, shall be directed through the Project Coordinators.

The Agency designated "On-Scene Coordinator", who may also be the Agency's Project Coordinator, shall have the authority to halt, conduct, or direct any tasks required by this Notice and/or any response actions or portions thereof when conditions present an immediate risk to public health or welfare or the environment. In the even that the Agency On-Scene Coordinator halts such tasks for a specified period of time, the Parties shall be given an additional amount of time equal to the period of delay in order to complete subsequent tasks. The Agency's On-Scene Coordinator is hereby designated as:

Thomas Miller
Field Operations Section
Division of Land Pollution Control
Illinois Environmental Protection Agency
2009 Mall Street
Collinsville, Illinois 62234
Telephone Number: 618/346-5120

The absence of the Agency Project Coordinator or On-Scene Coordinator from the Site shall not be cause for the stoppage of work.

The Agency and the Parties each have the right to change their respective Project Coordinators. The Agency also has the right to change its On-Scene Coordinator. Any such change shall be accomplished by notifying the other party in writing at least five (5) calendar days prior to the change.

VIII. SAMPLING, ACCESS AND DATA/DOCUMENT AVAILABILITY

The Parties shall make the results of all sampling and/or tests or other data generated by the Parties, or on the Parties' behalf, with respect to the implementation of this Notice, available to the Agency and shall submit these results upon request by the Agency. The Agency will make available to the Parties the results of sampling and tests or other data similarly generated by the Agency.

At the request of the Agency, the Parties shall allow split or duplicate samples to be taken by the Agency and its authorized representatives, of any samples collected by the Parties pursuant to the implementation of this Notice. The Parties shall notify the Agency not less than forty-eight (48) hours in advance of any sample collection activity.

The Agency and any Agency authorized representative shall have the authority to enter and freely move about all property at the Site at all reasonable times for the purposes of, inter alia: inspecting records, operating logs and contracts related to the Site; reviewing the progress of

the Parties in carrying out the terms of this Notice; conducting such tests as the Agency or the Project Coordinator deem necessary; using a camera, sound recording or other documentary type equipment; and verifying the data submitted to the Agency by the Parties. The Parties shall permit such persons to inspect and copy all records, files, photographs, documents and other writings, including all sampling and monitoring data, in any way pertaining to work undertaken pursuant to this Notice. All parties with access to the Site pursuant to this paragraph shall comply with all approved health and safety plans.

IX. RECORD PRESERVATION

The Parties shall preserve, during the pendency of this Notice and for a minimum of six (6) years after its termination, all records and documents in their possession or in the possession of their divisions, employees, agents, accountants, contractors or attorneys which relate in any way to the Site, despite any document retention policy to the contrary. The Parties may fulfill this obligation by retention on microfilm or other comparable record keeping. After this six year period, the Parties shall notify the Agency thirty (30) calendar days prior to the destruction of any such documents. Upon request by the Agency, the Parties shall make available to the Agency such records or copies of any such records. Additionally, if the Agency requests that some or all documents be preserved for a longer period of time, the Parties shall comply with that request. Compliance with this Paragraph shall not be construed to indicate a waiver of any applicable right of privilege.

X. RESERVATION OF RIGHTS

Notwithstanding compliance with the terms of this Notice, including the completion of the work set forth in Section VI, the Parties are not released from liability, if any, for any actions beyond the terms of this Notice taken by the Agency respecting the Site. The Agency reserves the right to take any enforcement action pursuant to the Act or any available legal authority, including the right to seek injunctive relief, monetary penalties and punitive damages for any violation of law or this Notice.

The Agency expressly reserves all rights that it may have, including the Agency's right both to disapprove of work performed by the Parties and to request that the Parties perform tasks in addition to those provided for by this Notice. In the event the Parties decline to perform any additional or modified tasks, the Agency will have the right to undertake any such work.

In addition, the Agency reserves the right to undertake removal actions or remedial actions at any time. The Agency reserves the right to seek reimbursement from the Parties thereafter for any and all such costs incurred by the State of Illinois related to the release or threat of release of hazardous substances at the Site.

XI. ABATEMENT OF ENDANGERMENT

In the event that the Director of the Agency determines that any activities implementing the Identified Response Action or in non-compliance therewith, or any other circumstances or activities are creating an imminent or substantial endangerment to the health and welfare of the people on the Site or in the surrounding area or to the environment, the Director may issue

a notice to cease further implementation of the Identified Response Action for such period of time as needed to abate the endangerment.

XII. REIMBURSEMENT OF COSTS

The Agency shall submit to the Parties an accounting of all response and oversight costs incurred by the State of Illinois with respect to this Notice and with respect to this Site. The response and oversight costs included in the accounting submitted by the Agency to the Parties shall include such costs incurred by the Agency during current and prior State fiscal years, including but not limited to all such costs incurred by the Agency prior to the effective date of this Notice. (Note: Response and oversight costs incurred for this Site amount to \$33,811.00 for personal services through November 30, 1988 and for all other such costs through December 31, 1988.) The Parties shall, within thirty (30) calendar days of receipt of that accounting, remit a check for the amount of those costs made payable to the Treasurer-State of Illinois and designated for deposit into the Hazardous Waste Fund. Checks are to specifically identify the Site and be addressed to:

Illinois Environmental Protection Agency
Fiscal Services
2200 Churchill Road
Post Office Box 19276
Springfield, Illinois 62794-9276

A copy of the transmittal letter shall be sent to the Agency's Project Coordinator.

The Agency reserves the right to bring an action against the Parties pursuant to the Act for recovery of all response and oversight costs incurred by the State of Illinois related to this Notice and not reimbursed by the

schedules and attachments shall be considered a failure to perform the requirements of this Notice.

No informal advice, guidance, suggestions or comments by the Agency regarding reports, plans, specifications, schedules and any other writing submitted by the Parties will be construed as relieving the Parties of their obligation to obtain such formal approval as may be required by this Notice.

XVI. PARTIES BOUND

This Notice shall apply to and be binding upon the Parties and their agents, successors and assigns and upon all persons, contractors and consultants acting under or for either the Parties or the Agency or both.

No change in ownership or corporate or partnership status relating to the Site will in any way alter the status of the Parties or in any way alter the Parties' responsibility under this Notice. The Parties will be responsible for carrying out all activities required of the Parties under this Notice.

XVII. FAILURE TO COMPLY WITH THIS NOTICE

Pursuant to Section 22.2 of the Act (Ill. Rev. Stat. 1987, ch. 111 1/2, par. 1022.2), if a party fails without sufficient cause to provide the Identified Response Action as set forth herein upon or in accordance with this Notice and request by the Agency, such failure may subject such party to liability to the State of Illinois for punitive damages in an amount at least equal to, and not more than three times, the amount of any costs incurred by the State as a result of such failure. Such punitive damages shall be in addition to any costs recovered from the liable party pursuant to Section 22.2

of the Act and in addition to any other penalty or relief provided by the Act or any other law.

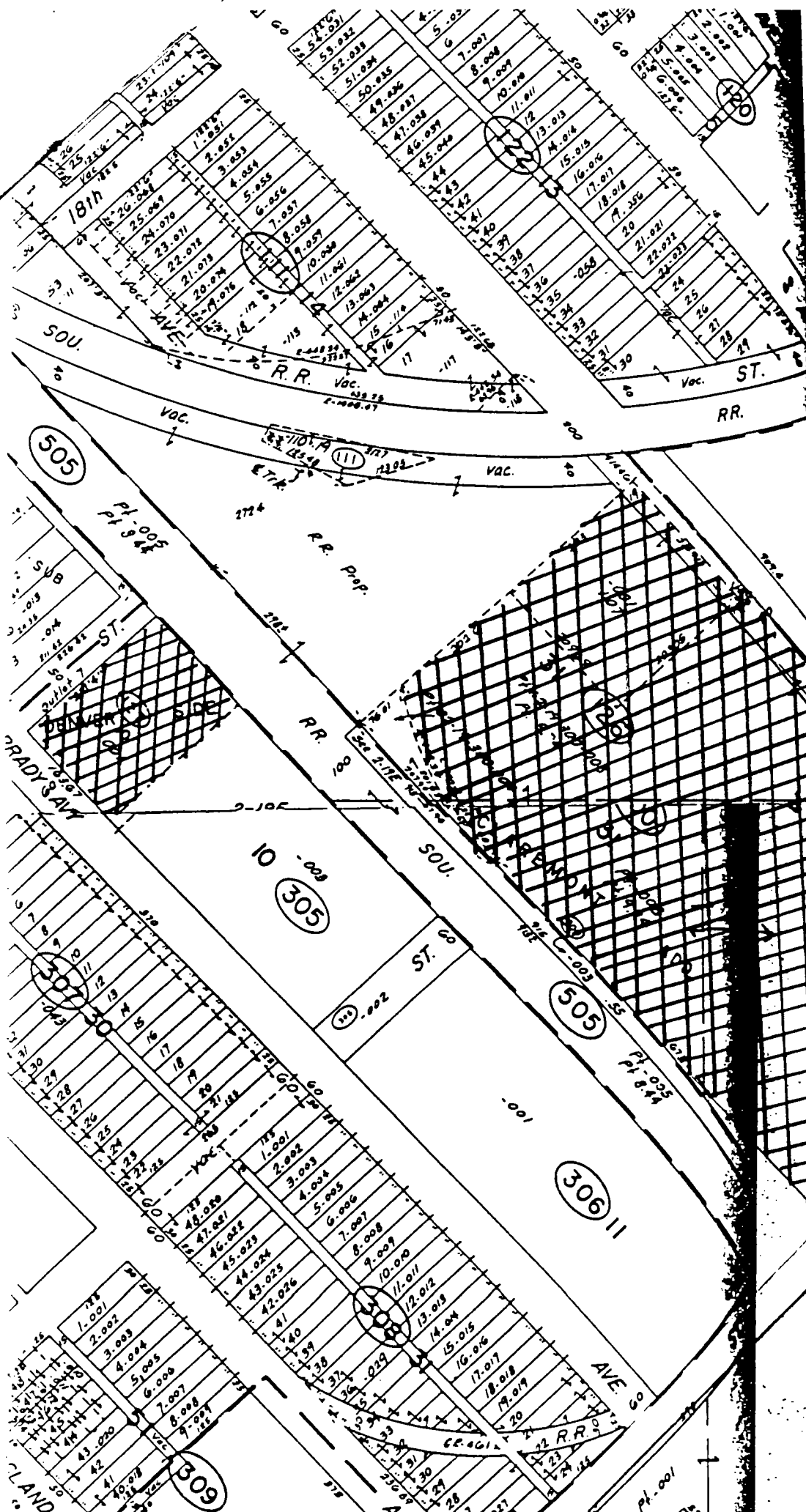
XVIII. TERMINATION AND SATISFACTION

The provisions of this Notice shall be deemed satisfied upon the Parties' receipt of written notice from the Agency that the Parties have demonstrated, to the satisfaction of the Agency, that all of the terms of this Notice, including any additional tasks which the Agency has determined to be necessary, have been completed.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By: Bernard P. Killian DATE: 5/22/85
Bernard P. Killian
Director

Effective Date: _____



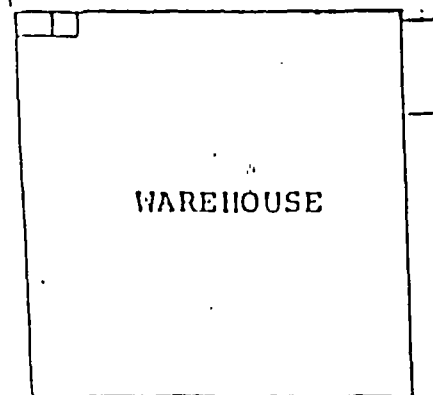
1630450038 - St. Clair County
East St. Louis/Wastex
IID980700744
PLAN SHEET FURNISHED BY WASTEX

DATE 7/20/00

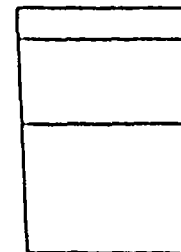
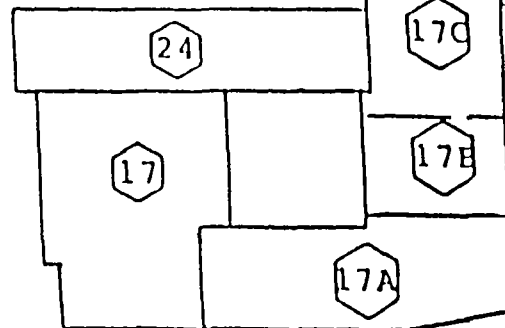
ATTACHMENT II

Gate

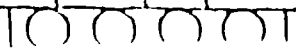
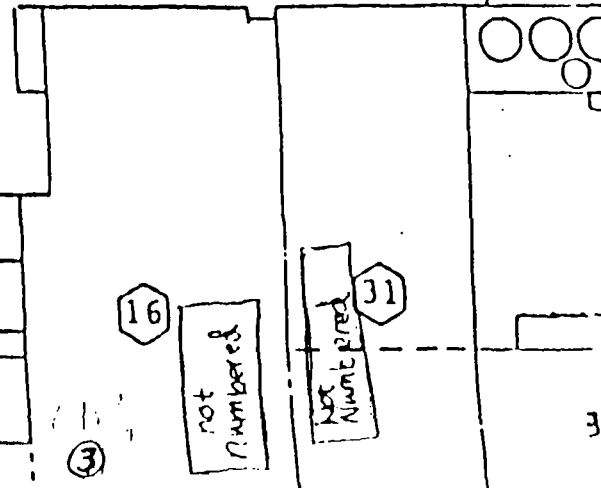
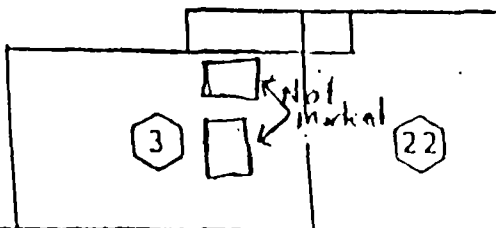
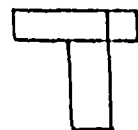
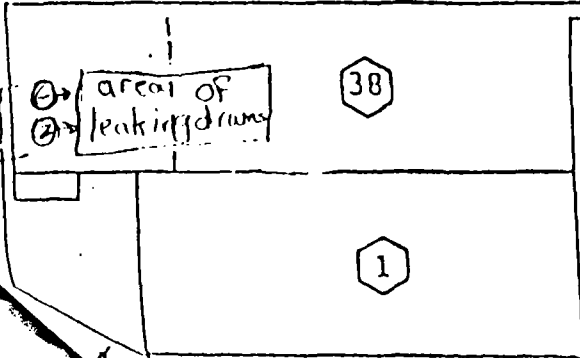
EAST BROADWAY



LAB OFFICE



Gate



Bruce Carlson

ATTACHMENT III



WASTEX RESEARCH, INC.

December 1, 1987

Illinois Environmental Protection Agency
Division of Land Pollution control
Compliance Assurance Section
2200 Churchill Road
Springfield, Illinois 62706

CERTIFIED MAIL: Return Receipt Requested
Receipt Number - P 370 500 639

Re: Required Inventory as per
Consent Decree-Wastex Research,
Inc.

To whom it may concern,

As per the Consent Decree under the jurisdiction of the U.S.
District Court of the Southern District of Illinois, Civil Action
No. 84-3298, the enclosed documents are being submitted for your
files.

The material being submitted in this mailing is the complete
inventory of air tanks currently at the facility.

Respectfully submitted,

Wastex Research, Inc.

Terry L. Hein
Terry L. Hein

**RECEIVED
ENFORCEMENT PROGRAMS**

DEC 11 1987

Environmental Protection Agency

RECEIVED

DEC 11 1987

IEPA/DLPC

WASTEX RESEARCH, INC.

DRUM INVENTORY

NOVEMBER 1, 1987

For the drum inventory, a separate inventory will be shown for each building at the facility. The inventory will show the number of drums, location, contents and condition of the container.

The inventory will also reflect the types of materials in each container by the three classifications, hazardous, non-hazardous or special wastes and raw materials.

In cases where more than one numbered building is shown on the plot plan, but those buildings are under a common roof, the buildings will be on one inventory sheet with the exception of buildings 1 and 38. A separate sheet will be used for each of these buildings.

The buildings currently used for drum storage are 1, 38, 3 & 22, 16 & 31, 35, 17A and 5.

The total number of drums in storage at the facility as of this inventory date is 7,131. Of the total of 7,131, 3,787 drums are the Chase inventory and 3,344 are in the Wastex inventory.

The 3,787 drums in the Chase inventory have all been classified as hazardous. The drums in the Chase inventory are stored in three areas of the facility. These areas are as follows; 1,591 drums in buildings 3 & 22, 1,400 drums in buildings 16 & 31 and 546 drums in building 5.

Of the total of 3,344 drums in the Wastex inventory, 2,512 are classified as hazardous, 770 are non-hazardous special waste and 57 are raw materials. The drums in the Wastex inventory are stored as follows; 775 drums of non-hazardous wastes in building 5, 36 drums of raw material in building 17A, 777 drums of hazardous waste in building 38, 300 drums of hazardous waste in building 1, 1,148 drums of hazardous waste and 21 drums of raw material in building 3 & 22 and 287 drums of hazardous waste in building 16 & 31.

The total inventory of drums and their corresponding identification numbers have been entered into the daily operating record of the facility.

RECEIVED

DEC 1 1987

IEPA/D100

WASTEX RESEARCH, INC.

DRUM INVENTORY

NOVEMBER 1, 1987

BUILDING 5

TOTAL NUMBER OF DRUMS IN BUILDING - 775

CHASE INVENTORY - 0

WASTEX INVENTORY - 775

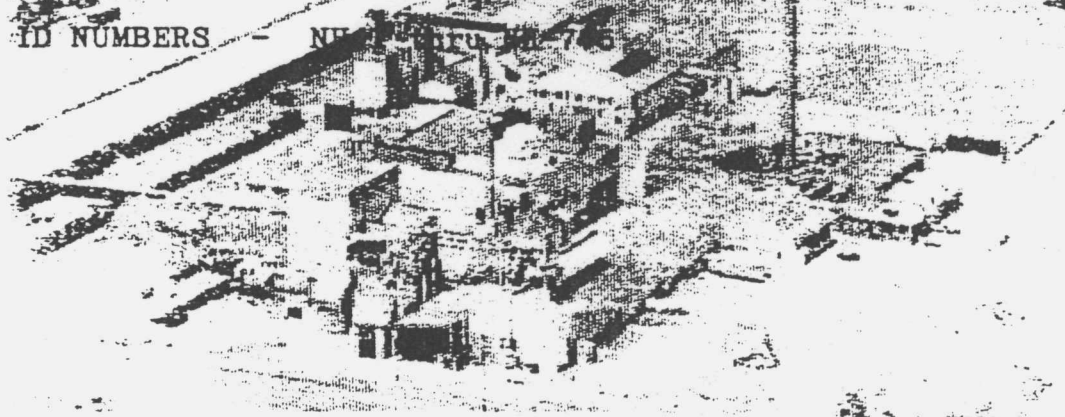
WASTEX INVENTORY:

CLASSIFICATION - NON-HAZARDOUS SPECIAL WASTE

CONTENTS - ~~ADHESIVES~~ ADHESIVES

CONTAINER CONDITION - DOT APPROVED (USED, EXCELLENT)

ID NUMBERS - NE 775



RECEIVED

DEC 1 1987

IEPA/DI/EC

EXIT

BUILDING 5

RAMP TO
LOADING DOCK

ID NUMBERS

NH-1 = NH-1 thru NH-47
NH-2 = NH-48 thru NH-122
NH-3 = NH-123 thru NH-155
NH-4 = NH-156 thru NH-237
NH-5 = NH-238 thru NH-357
NH-6 = NH-358 thru NH-477
NH-7 = NH-478 thru NH-597
NH-8 = NH-598 thru NH-717
NH-9 = NH-718 thru NH-775

NH-1
47 DRUMS

NH-2 75 DRUMS

NH-3
33 DRUMS

NH-4 82 DRUMS

NH-5 120 DRUMS

NH-6 120 DRUMS

NH-7 120 DRUMS

NH-8 120 DRUMS

NH-9 58 DRUMS

EX

RECEIVED

IEPA/DISC

EXIT

RECEIVED

IEPA/01/00

8
DRUMS
WP-22
thru
WP-29

10
DRUMS
WP-30
thru
WP-39

18 DRUMS
WP-40
thru
WP-57

EXIT

EXIT

BUILDING 38

WASTEX INVENTORY - 777

THE ADDITIONAL 518 DRUMS AND FASTS RECEIVED SINCE OCTOBER 1, 1981 AND HAVE BEEN ASSIGNED A THREE OR FOUR DIGIT NUMBER BEGINNING WITH 001 AND UPWARD.

IEPA / DIEC

BUILDING 38

EXIT
RAMP

W-35-1 thru W35-53

53 DRUMS

W35-54 thru W35-113

60 DRUMS

W35-114 thru W35-177

64 DRUMS

W35-178 thru W35-241

64 DRUMS

W35-242 thru W35-305

64 DRUMS

W35-306 thru W35-369

64 DRUMS

W35-370 thru W35-433

64 DRUMS

W35-434 thru W35-489

56 DRUMS

W35-490 thru W35-549

60 DRUMS

34 DRUMS
CURRENT

44 DRUMS
CURRENT

37 DRUMS
CURRENT

15 DRUMS
CURRENT

15 DRUMS
CURRENT

80 DRUMS
CURRENT

RECEIVED

IEPA/DI/PC

EXIT
RAMP

RAMP TO LOADING DOOR

LOADING
DOOR

WASTEX RESEARCH, INC.

DRUM INVENTORY

NOVEMBER 1, 1987

BUILDING 1

TOTAL NUMBER OF DRUMS IN BUILDING - 300

CHASE INVENTORY - 0

WASTEX INVENTORY - 300

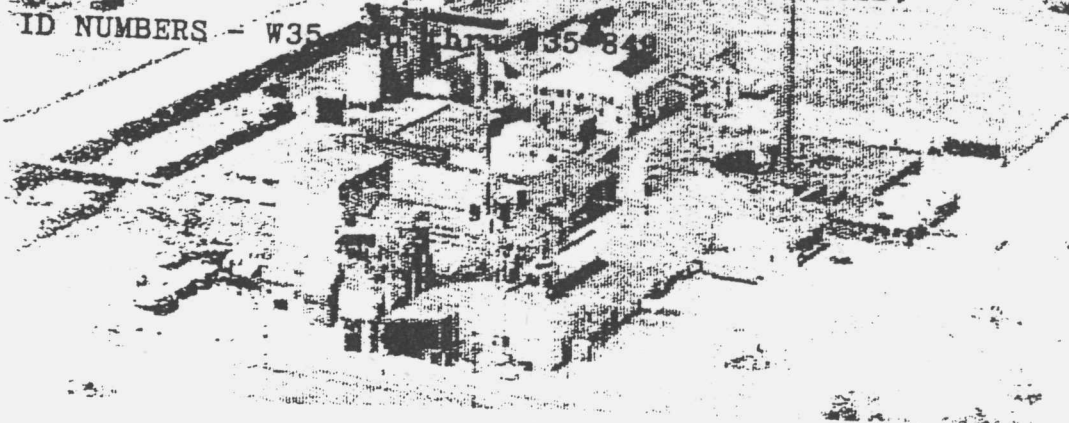
WASTEX INVENTORY:

CLASSIFICATION - HAZARDOUS

CONTENTS - PAINT, SOLIDS

CONTAINER CONDITION - 300 (USED, FAIR TO GOOD)

ID NUMBERS - W35 849



RECEIVED

IEPA/0

UP TO
BALCONY

DOWN
TO
BLDG. 38

AIR
VENT
DOOR

W-1
40 DRUMS

W-2
59 DRUMS

W-3
70 DRUMS

W-4
52 DRUMS

W-5
23 DRUMS

W-6
32 DRUMS

W-7
24 DRUMS

ID NUMBERS

W-1 = W35-550 thru W35-589
W-2 = W35-590 thru W35-648
W-3 = W35-649 thru W35-718
W-4 = W35-719 thru W35-770
W-5 = W35-771 thru W35-793
W-6 = W35-794 thru W35-825
W-7 = W35-826 thru W35-849

WASTEX RESEARCH, INC.

DRUM INVENTORY

NOVEMBER 1, 1987

BUILDING 3 & 22

TOTAL NUMBER OF DRUMS IN BUILDINGS - 2,760

CHASE INVENTORY - 1,591

WASTEX INVENTORY - 1,148 - WASTES
21 - PRODUCT/RAW MATERIALS

CHASE INVENTORY:

CLASSIFICATION - HAZARDOUS

CONTENTS - PAINT & INK SLUDGES & SOLIDS, PAINT RESINS,
CAUSTICS & FLAMMABLE OILS

CONTAINER CONDITION - 1,591 (USED, FAIR TO GOOD)
21 (USED, EXCELLENT)

ID NUMBERS - W35-861 thru W35-2008
WP-1 thru WP-21

WASTEX INVENTORY:

CLASSIFICATION - HAZARDOUS (1,148)
21 (RAW MATERIALS)

CONTENTS - PAINT & INK SLUDGES & SOLIDS

CONTAINER CONDITION - 1,148 (USED, FAIR TO GOOD)
21 (RECONDITIONED)

ID NUMBERS - W35-861 thru W35-2008
WP-1 thru WP-21

RECEIVED

IEP4-0180

EXI

TO
DOCK

C-3-2 - 210 DRUMS

C3-2-18 thru C3-2-227

W11

40 DRUM

W35-1670

thru

W35-1709

W12
299 DRUMS
W35-1710
thru
W35-2008C3-4
183 DRUMS
C3-4-286
thru
C3-4-468C3-5
88 DRUMS
C3-5-169
thru
C3-5-56C3-1
17 DRUMS
C3-1-1
thru
C3-1-12C3-3
58 DRUMS
C3-3-228
thru
C3-3-285C3-10 79 DRUMS
C3-10-1211
thru
C3-10-1289C3-6
198 DRUMS
C3-6-557
thru
C3-6-754C3-7
196 DRUMS
C3-7-755
thru
C3-7-950C3-8
214 DRUMS
C3-8-951
thru
C3-8-1164C3-9
46 DRUMS
C3-9-1165
thru
C3-9-1210C3-11
102 DRUMS
C3-11-1290
thru
C3-11-1391C3-12
C3-12-1392
C3-12-1505C3-13
C3-13-1506
C3-13-1591C3-12
114 DRUMS
C3-12-1392
thru
C3-12-1505WR-5
26 DRUMS
W35-1080 thru W35-1105WR-2
36 DRUMS
W35-885 thru W35-920WR-1
24 DRUMS
W35-861 thru W35-884C3-13
86 DRUMS
C3-13-1506 thru C3-13-1591WR-6
30 DRUMS
W35-1106 thru W35-1135WR-3
83 DRUMS
W35-921 thru W35-1003WR-9
217 DRUMS
W35-1232 thru W35-1448WR-7
40 DRUMS
W35-1136 thru W35-1175WR-4
76 DRUMS
W35-1004 thru W35-1079WR-10
221 DRUMS
W35-1449 thru W35-1669WR-8
56 DRUMS
W35-1176 thru W35-1231INT
16 A

WASTEX RESEARCH, INC.

DRUM INVENTORY

NOVEMBER 1, 1987

BUILDING 16 & 31

TOTAL NUMBER OF DRUMS IN BUILDINGS - 1, 937

CHASE INVENTORY - 1,650

WASTEX INVENTORY - 287

CHASE INVENTORY:

CLASSIFICATION - HAZARDOUS

CONTENTS - PAINT & INK SLUDGES & SOLIDS, STILL BOTTOMS &
CORROSIVES

CONTAINER CONDITION - APPROVED - 793 (USED, FAIR TO GOOD)
NON-STANDARD - 842 (OPEN HEAD DRUMS)
DISAPPROVED - 15 (USED, EXCELLENT)

ID NUMBERS - C31-9-1688

WASTEX INVENTORY

CLASSIFICATION - HAZARDOUS

CONTENTS - PAINT & INK SLUDGES & SOLIDS

CONTAINER CONDITION - APPROVED (USED, FAIR TO GOOD)

ID NUMBERS - W35-2000 thru W35-2295

RECEIVED

IEPA/01/80

CONTAIN
MENT

C3
676 DRUMS

C4
83
DRUMS

C5
600 DRUMS

C6
34
DRUMS

C7
44
DRUMS

C8
66
DRUMS

C9
132
DRUMS

43
DRUMS W1

44
DRUMS W2

36
DRUMS W3

48
DRUMS W4

44
DRUMS W5

47
DRUMS W6

25
DRUMS W7

INTO
3 & 22

INTO
35

50' PROPERTY LINE

C2 - 15 DRUMS

ID NUMBERS

C31-2-16 thru C31-2-30
C31-3-31 thru C31-3-706
C31-4-707 thru C31-4-789
C31-5-790 thru C31-5-1389
C31-6-1390 thru C31-6-1423
C31-7-1424 thru C31-7-1467
C31-8-1468 thru C31-8-1533
C31-9-1534 thru C31-9-1665

W35-2009 thru W35-2051
W35-2052 thru W35-2095
W35-2096 thru W35-2131
W35-2132 thru W35-2179
W35-2180 thru W35-2223
W35-2224 thru W35-2270
W35-2271 thru W35-2295

WASTEX RESEARCH, INC.

DRUM INVENTORY

NOVEMBER 1, 1987

BUILDING 35

TOTAL NUMBER OF DRUMS IN BUILDING - 546

ALL DRUMS IN BUILDING ARE PART OF THE CHASE INVENTORY

CLASSIFICATION - HAZARDOUS

CONTENTS - PAINT & INK SLUDGES AND SOLIDS

CONTAINER CONDITION - DOT APPROVED - 284 (USED, GOOD CONDITION)
NON-STANDARD - 254 (OPEN HEAD DRUMS)
RECOVERY - 8

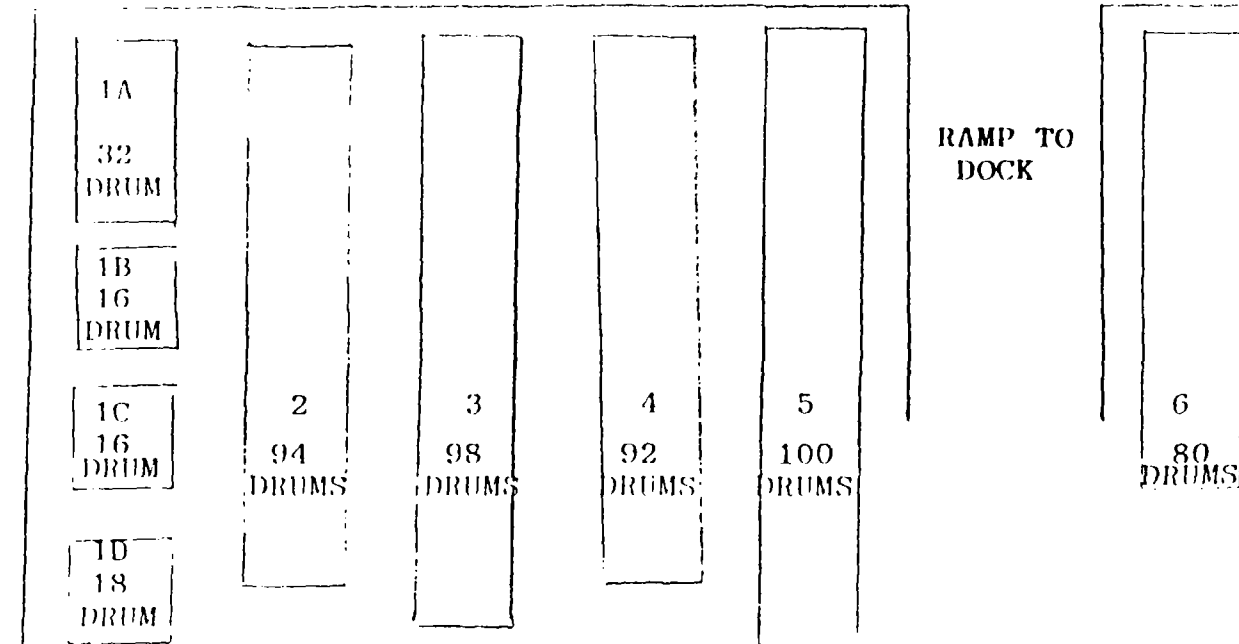
DRUM IDENTIFICATION NUMBERS - C35-1 THRU C35-546

ALL WASTES IN BUILDING ARE COMPATABLE



RECEIVED

1/20



RAMP TO
DOCK

ID NUMBERS

- 1A = C35-1A-1 thru C35-1A-32
- 1B = C35-1B-33 thru C35-1B-48
- 1C = C35-1C-49 thru C35-1C-64
- 1D = C35-1D-65 thru C35-1D-82
- 2 = C35-2-83 thru C35-2-176
- 3 = C35-3-177 thru C35-3-274
- 4 = C35-4-275 thru C35-4-366
- 5 = C35-5-367 thru C35-5-466
- 6 = C35-6-467 thru C35-6-516

TOTAL = 546 DRUMS

INTO
16 & 31

50' PROPERTY LINE

WASTEX RESEARCH, INC.
STORAGE TANK INVENTORY

OCTOBER 1, 1987

TANK #	DRAWING #	GALLONS	CONTENTS
1	ST-1	15,000	ASPHALT GRADE FUEL
2	ST-2	14,000	ASPHALT GRADE FUEL
3	ST-3	11,000	ASPHALT GRADE FUEL
4	ST-4	6,000	PAINT & INK SLUDGES
5	ST-5	6,000	PAINT & INK SLUDGES
6	ST-6	6,000	PAINT & INK SLUDGES
7	ST-7	11,005	CEMENT KILN FUEL
8	AAT-1	8,000	ACIDS
9	AAT-3	12,000	ASPHALT GRADE FUEL
10	AAT-2	9,000	CEMENT KILN FUEL
11	RST-1	19,000	CEMENT KILN FUEL
12	RST-2	20,000	ASPHALT GRADE FUEL
13	RST-3	14,500	CEMENT KILN FUEL
14	RST-4	13,000	ASPHALT GRADE FUEL
15	RST-5	19,000	CEMENT KILN FUEL
16	RST-6	8,500	CEMENT KILN FUEL
17	RST-7	8,000	PCB CONTAMINATED FUEL
18	RST-8	10,000	CEMENT KILN FUEL
19	RST-9	10,000	CEMENT KILN FUEL
20	RST-10	9,000	CEMENT KILN FUEL
21	RST-11	3,734	CEMENT KILN FUEL
22	ST-8	9,000	ASPHALT & KILN FUEL
23	ST-9	9,000	ASPHALT & KILN FUEL

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12/1/87

Page 2
STORAGE TANK INVENTORY

TANK #	DRAWING #	GALLONS	CONTENTS
24	ST-10	8,000	ASPHALT & KILN FUEL
25	SL-1	8,000	CONTAMINATED WATER
26	SL-2	-0-	
27	SL-3	3,000	CEMENT KILN FUEL
PCB-1		5,000	PCB CONTAMINATED FUEL

STORAGE TANK INVENTORY TOTALS:

ASPHALT GRADE FUEL	98,000 GALLONS
CEMENT KILN FUEL	134,039 "
PAINT & INK SLUDGES	18,000 "
ACIDS	8,000 "
PCB CONTAMINATED FUEL	13,000 "
CONTAMINATED WATER	8,000 "
TOTAL IN ALL TANKS	279,039 GALLONS